Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/25 words

**Genetics Vocabulary**

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| **Allele** | Different \_\_\_\_\_\_\_\_\_\_\_\_ of a \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Genetics** | Science of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Trait** | Specific \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of an individual  |
| **Fertilization** | \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ reproductive cells \_\_\_\_\_\_\_\_\_\_\_\_ |
| **Hybrid** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of crosses between \_\_\_\_\_\_\_\_\_\_\_ with different traits (the heterozygote) |
| **Gene** | Factors passed from \_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_ |
| **Segregation** |  Separation of \_\_\_\_\_\_\_\_\_\_\_\_\_ during \_\_\_\_\_\_\_\_\_\_\_\_\_\_ formation |
| **Probability** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a particular \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will occur |
| **Homozygous** | Having \_\_\_\_\_ identical \_\_\_\_\_\_\_\_\_\_\_ for a particular \_\_\_\_\_\_\_\_\_ |
| **Heterozygous** | Having 2 \_\_\_\_\_\_\_\_\_\_ alleles for a particular \_\_\_\_\_\_\_\_\_\_\_ |
| **Phenotype** |  An organism’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ characteristics  |
| **Genotype** | An organism’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ make-up |
| **Punnett square** | A diagram that is used to predict \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ combinations of a genetic cross |
| **Independent assortment** | One of Mendel’s principles that states genes for \_\_\_\_\_\_\_\_\_ traits can \_\_\_\_\_\_\_\_\_\_\_ independently |
| **Incomplete dominance** |  Situation in which \_\_\_\_\_ allele is \_\_\_\_\_\_\_ completely \_\_\_\_\_\_\_\_\_\_\_ over \_\_\_\_\_\_\_\_\_\_\_\_\_\_ allele |
| **Codominance** | Situation in which \_\_\_\_\_\_\_\_\_\_\_ alleles are \_\_\_\_\_\_\_\_\_\_\_\_\_ expressed in the \_\_\_\_\_\_\_\_\_\_\_ |
| **Multiple alleles** | A \_\_\_\_\_\_ with more than \_\_\_\_\_ alleles |
| **Polygenic trait** | Traits \_\_\_\_\_\_\_\_\_\_\_\_\_ by 2 or more \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Genome** | The \_\_\_ set of \_\_\_\_\_\_\_\_\_\_\_\_\_ information that an \_\_\_\_\_\_\_\_\_\_\_ carries in its \_\_\_\_\_\_\_\_\_ |
| **Karyotype** | Picture of the complete \_\_\_\_\_\_\_\_\_\_\_\_ set of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ grouped in \_\_\_\_\_\_\_\_\_\_\_\_ |
| **Sex chromosome** | ~Turn over~\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (23rd pair) that determines an organisms \_\_\_\_\_\_\_\_\_\_\_\_ |
| **Autosome** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that is NOT a \_\_\_\_\_\_\_\_\_\_ chromosome |
| **Sex-linked gene** | A \_\_\_\_\_\_\_\_\_\_\_\_\_ located on the \_\_\_\_\_\_\_\_\_\_\_\_\_ chromosome |
| **Pedigree** | A diagram/chart used to show the \_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_ within a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Non-disjunction** |  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chromosomes \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_ correctly during \_\_\_\_\_\_\_\_\_\_ resulting in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chromosome numbers |